

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 72-25

WASTE DISCHARGE REQUIREMENTS
FOR
HYDRAULIC DREDGING IN GALLINAS CREEK BY
THE MARIN COUNTY DEPARTMENT OF PUBLIC WORKS
MARIN COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

- A. The County of Marin, called the discharger below, filed a Report on Waste Discharge dated January 24, 1972.
- B. The discharger intends to dredge Gallinas Creek to a depth of 9 feet below mean sea level. The total amount dredged will be 115,000 cubic yards of mud and siltation. The dredge spoil will be placed in two settling basins, one discharging into the North Fork of Gallinas Creek and one into Miller Creek. There will be a return flow of approximately 10 million gallons per day during the dredging operation.
- C. The Board adopted an interim water quality control plan for the San Francisco Bay Basin on June 14, 1971.
- D. The beneficial uses of Gallinas Creek and contiguous waters are:
 - Swimming and wading
 - Fishing, hunting, boating, and marinas
 - Fish, shellfish, and wildlife propagation and sustenance, and waterfowl and migratory birds habitat and resting
 - Esthetic appeal.
- E. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge.
- F. The Board in a public meeting on May 23, 1972 heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the discharger shall comply with the following:

A. Waste Discharge Specifications

- 1. The dredging or disposal of wastes shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
- 2. The dredging or disposal of wastes shall not cause:
 - a. Floating, suspended, or deposited macroscopic particulate matter or foam in waters of the State at any place more than 10 feet from the dredge;
 - b. Bottom deposits or aquatic growths in waters of the State at any place;
 - c. Alteration of apparent color beyond present natural background levels in waters of the State at any place more than 10 feet from the dredge;
 - d. Visible, floating, suspended, or deposited oil or other products of petroleum origin in waters of the State at any place.
 - e. Waters of the State to exceed the following limits of quality at any point:

pH	7.0 minimum
	8.5 maximum

Dissolved oxygen	5.0 mg/l minimum
	When natural factors cause lesser concentrations then this discharge shall not cause further reduction in the concentration of dissolved oxygen.
Dissolved sulfide	0.1 mg/l maximum
Other substances	any one or more substances in concentrations that impair any of the protected beneficial water uses or make aquatic life or wildlife unfit or unpalatable for consumption.

- f. The turbidity of the waters of the State at any point beyond 100 feet from the point of discharge to increase above background levels by more than the following:

Receiving Water Background	Incremental Increase
<50 Units	5 Units, maximum
50-100 Units	10 Units, maximum
>100 Units	10% of Background, maximum

3. The waste as discharged to the waters of the State shall meet the following quality limits at all times:

- a. Settleable matter 1.0 ml/l/hr. maximum
- b. In any representative, 24-hour composite sample:
 - Lead 0.05 mg/l, maximum
 - Mercury 0.005 mg/l, maximum

B. Provisions

- 1. This Order includes items numbered 1, 6, and 7 of the attached "Reporting Requirements" dated August 28, 1970.
- 2. This Order includes items numbered 1, 2, 3, 4, 5, and 6 of the attached "Notifications" dated January 6, 1970.
- 3. This Order rescinds Resolution No. 730.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on May 23, 1972

Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

August 28, 1970

REPORTING REQUIREMENTS

1. This Board requires the discharger to file technical reports on self-monitoring work performed according to detailed specifications developed pursuant to the Regional Board's Resolution No. 70-43. (Reference: Section 13267(b) and 13268, California Water Code.)
2. This Board requires the discharger to file a written report within 90 days after the average dry-weather waste flow for any month equals or exceeds 80% of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy-making body is adequately informed about it. The report shall include:

Average daily flow for the month, the date on which the instantaneous peak flow occurred, the rate of that peak flow, and the total flow for that day.

The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of his facilities.

The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for his waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference: Sections 13260, 13267(b) and 13268, California Water Code.)

3. This Board requires the discharger to file a time schedule for engineering studies on facilities needed to comply with the Board's receiving water objective of 5.0 mg/l of dissolved oxygen and/or to file a time schedule for deciding upon the feasibility of participating in regional water quality control systems, if he does not meet that dissolved oxygen objective after providing waste treatment facilities which comply with the effluent BOD requirement prescribed elsewhere in this Resolution. (Reference: Sections 13267(b) and 13268, California Water Code.)
4. This Board requires the discharger to file technical reports on studies into correcting violations of the Board's water quality objectives caused by discharging combined storm water and sewage. Specifications for these studies shall be developed pursuant to the Board's Resolution No. 70-43. (Reference: Sections 13267(b) and 13268, California Water Code.)
5. This Board requires the discharger to file written reports within 15 days after each calendar quarter to include:

Name of and number of lots in each subdivision for which an application has been received for connection to the sewerage system. Anticipated date of connection of each subdivision to the sewerage system.

Finding and supporting data by governing body on effect of addition of each subdivision on violation of waste discharge requirements.

(Reference: Section 11551.6 Business and Professions Code and Section 13267(b) and 13268, California Water Code.)

6. This Board requires the discharger to file a report on waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge. (Reference: Sections 13260(b) and 13264, California Water Code.)
7. This Board requires the discharger to file a written technical report at least 15 days prior to advertising for bids on any construction project which would cause or aggravate the discharge of waste in violation of these requirements; said report to describe the nature, costs, and scheduling of all actions necessary to preclude such discharge. In no case should any discharge of sewage bearing wastes be permitted without at least primary treatment and chlorination. (Reference: Sections 13267(b) and 13268, California Water Code.)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

January 6, 1970

NOTIFICATIONS

1. This Board requests the discharger to take note of the comments and recommendations contained in all the correspondence the Board has received and considered concerning this matter, and the Executive Officer is directed to transmit copies of that correspondence to the discharger.
2. This Board considers "Waters of the State" as defined in Section 13050(e) of the California Water Code to include waste waters over which the discharger has lost control.
3. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under Federal, State, or local laws, nor guarantee the discharger a capacity right in the receiving waters.
4. This Board will prescribe more restrictive requirements for this waste discharge if necessary:
 - To achieve or maintain dissolved oxygen concentration of at least 5.0 mg/l in tidal waters of the San Francisco Bay System pursuant to Resolution No. 67-30,
 - To protect shellfishing areas which the Board designates pursuant to Resolution No. 803,
 - To protect the beneficial water uses, and to achieve other objectives adopted in the resolutions cited above.
5. This Board will review these requirements periodically, as required by law, and will notify the responsible persons before doing so. (Reference: Section 13263(e), California Water Code.)
6. The water quality parameters used in this resolution are as defined in the latest edition of "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association.
7. The discharger is advised that this Board will use the general concepts of Phase I of the plan recommended by the Final San Francisco Bay-Delta Program Report as guidelines in reviewing any application for construction grants for sewerage facilities proposed to comply with these requirements, and if the discharger intends to make such application he must demonstrate the compatibility of the proposed facilities with the general concepts of the Bay-Delta Program.